

# Converting Colors

Hex(C2E4F8)

Have a look what the booklet for  
Hex(C2E4F8) contains.

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# **Color**

**Hex(C2E4F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E4F8
RGB	194, 228, 248
RGB Percent	76%, 89%, 97%
CMY	0.2392, 0.1059, 0.0275
CMYK	0.22, 0.08, 0.00, 0.03
HSL	202°, 79%, 87%
HSV	202°, 22%, 97%
XYZ	66.9348, 73.7334, 99.5111
YIQ	220.1140, -26.6840, -0.9880

# Conversions

## Conversions Part 2

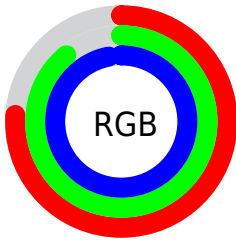
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 215, 248
Decimal	12772600
CIELab	88.80, -6.86, -13.41
CIELCh	89, 15.061, 242.885
Yxy	73.7334, 0.2787, 0.3070
Android (android.graphics.Color)	4290962680 (0xFFC2E4F8)
YUV	220.1140, 13.7478, -22.9020
Hunter-Lab	85.8682, -11.1274, -8.6024

# Details

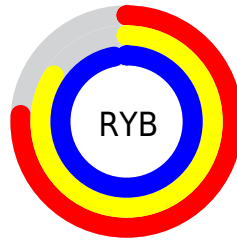
The Hex color **C2E4F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8D6C2**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FBFFFF**, and **8CADC0** is the 20% darker color. If you saturate the color by 10%, you get **A9DBF8**, and if you desaturate by 10%, it is **DBEDF8**.

# Distribution



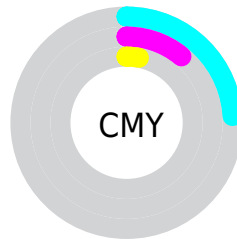
- Red (76%)
- Green (89%)
- Blue (97%)



- Red (76%)
- Yellow (84%)
- Blue (97%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (11%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2E4F8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C2E4F8 by changing the saturation by 10% instead.



 C2E4F8


 C2E4F8

FFFFFF

 A6C8DB

 FBFFFF

 8CADC0

 7192A4

 58788A

 3F6071

 274858

 0D3141

 001D2B

 000117

 C2E4F8

 C2E4F8

 A9DBF8

 DBEDF8

 90D2F8

 F4F6F8

 78C8F8

 FFFFF8

 5FBFF8

 46B6F8

 2DADF8

 14A4F8

 009CF8

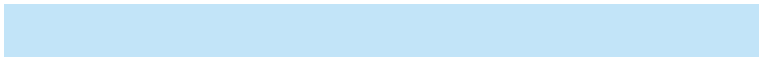
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBE7EE



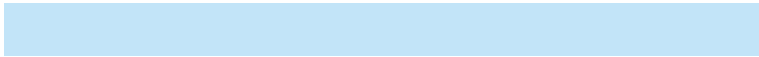
C2E4F8



D1E0FB

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2E4F8



FCD5DE



D9E3C7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



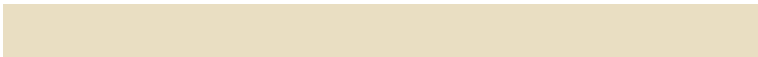
C2E4F8



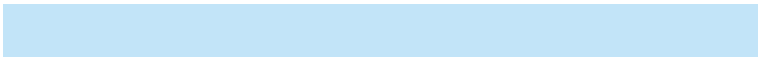
F8D6C2

# Split Complementary

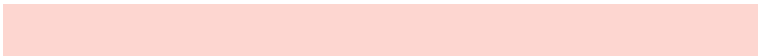
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9DEC2



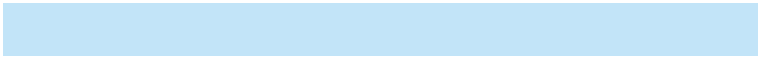
C2E4F8



FDD6D0

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2E4F8



F3D7EC



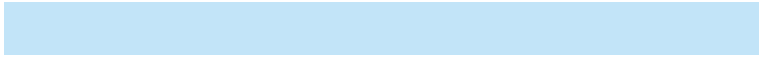
F6DAC6



C9E6D1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2E4F8



DEDCF9



F6DAC6



DFE1C4



# Sweetspot

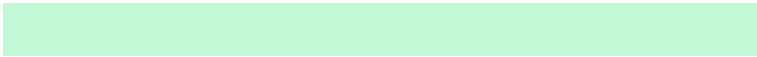
The Sweet Spot groups the original color and five complimentary colors.



C2E4F8



EDF8FF



C2F8D6



757C80



000000

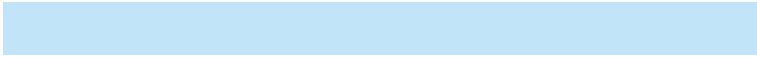


808080

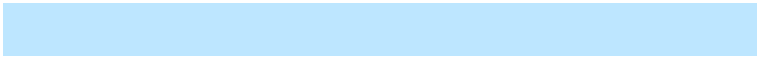


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C2E4F8



BDE6FF



C2C9F8



70787D



0077BD



00273D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F8C2E4



FFBDE6



F8F1C2



7D7078



BD0077

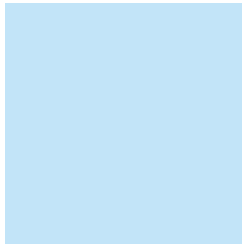


3D0027



# Previews

## White Background



This preview shows how the Hex color C2E4F8 looks on a white background.

## Color Contrast Check

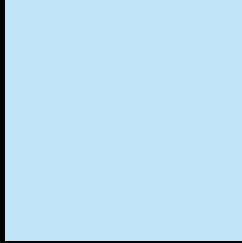
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C2E4F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

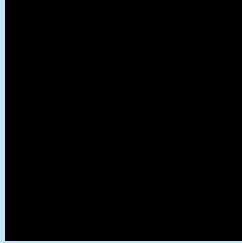
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

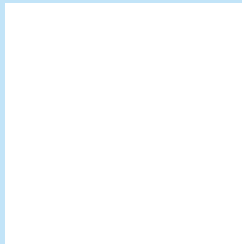
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2E4F8 Background



This preview shows how black text looks on a background with the Hex color C2E4F8.

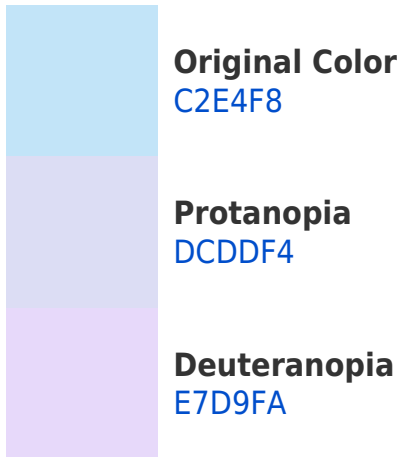


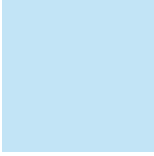
This preview shows how white text looks on a background with the Hex color C2E4F8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

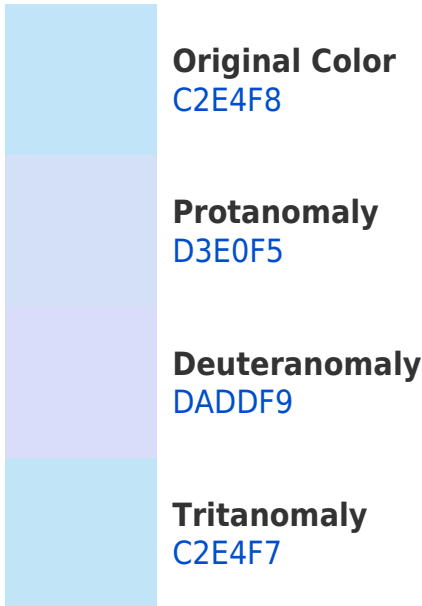
## Dichromacy



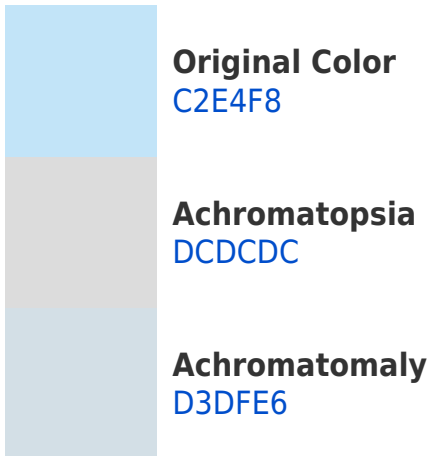


**Tritanopia**  
C2E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2E4F8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C2E4F8 looks like.

```
.text, #text, p{  
    color:#C2E4F8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C2E4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E4F8
}
```

## Border

The CSS property to change the border of an element to Hex C2E4F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2E4F8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C2E4F8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C2E4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E4F8; -webkit-box-shadow:4px 4px  
4px 4px #C2E4F8; box-shadow:4px 4px 4px  
4px #C2E4F8 }
```

# Background

The CSS property to change the background color of an element to Hex C2E4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E4F8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C2E4F8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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